

AECOM Environment
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AECOM

May 1, 2009

Ms. Michele Pisterzi
AT & T
2427 Union Street
Blue Island, IL 60406

EPA Region 5 Records Ctr.



323810

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 960699012
Permit Address: 335-339 East Ohio
AECOM Project No. 00550-352

Dear Ms. Pisterzi:

Pursuant to conditions specified in a permit (see attached) issued by the City of Chicago, radiation monitoring was required to be performed at the above referenced site. AECOM, Inc. (AECOM) provided the required radiation surveillance on April 28 and 29, 2009 for the excavation of a trench to expose existing conduit and place pvc.

The excavation of the trench began in the sidewalk area of the parking exit ramp on the south side of East Ohio Street, in between North McClurg Court and North Fairbanks Court. The trenching then continued to the north approximately 12 feet, continuing at a 90 degree angle to the west. The trench extended an additional 37 feet to the west. The trench had a width of approximately 2 feet, reaching a depth of approximately 30 inches, after the removal of 6 inches of concrete and asphalt (see attached sketch).

Surveying was performed for the asphalt and soil removed for the excavation of the trench. The monitoring revealed no indication of soils above the specified clean-up threshold established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA threshold for Chicago is 7.1 picocuries per gram (pCi/g total radium (Ra-226 + Ra-228). Gamma radiation count measurements for the project were made using Ludlum Model 2221 survey meter and an unshielded 2 x 2 NaI probe (Model 44-10). For the instrumentation used, the gamma count indicative of the 7.1 pCi/g threshold was 17,805 counts per minute (cpm). The values within the excavation measured from about 7,800 cpm to about 13,200 cpm. Thus, there was no indication of an exceedance of the USEPA threshold.

Finally, as part of the permit conditions, this letter has been forwarded to:

Chicago Department of Environment
Attention: Ms. Rahmat Begum
30 North LaSalle Street, 25th Floor
Chicago, Illinois 60602

Please contact us with any questions you have regarding this letter or the reported results.

Regards,


Jaclyn C. Webb
Assistant Project Engineer


Steven C. Kornder, Ph.D.
Senior Project Geoscientist

cc: Rahmat Begum, Chicago Department of Environment
Verneta Simon, USEPA

Attachments: Permit
Sketch



City of Chicago
Richard M. Daley, Mayor

Department of Environment

Twenty-fifth Floor
30 North LaSalle Street
Chicago, Illinois 60602-2575
(312) 744-7606 (Voice)
(312) 744-6451 (FAX)
(312) 744-3586 (TTY)

<http://www.cityofchicago.org>

Permit No.
960699012

Date
4-20-09

Site Address
335-339 E. OHIO

Work Location (describe
exact site location)

French Approx 45'
from manhole in
urb/traffic in East,
then south in City
sidewalk + unimproved
parkway to the west.
building.
Nature of Work

Trench to Place
PVC

CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT FORM NO. DOE.ROW.01

Notice is hereby given that the site you have requested information on is recorded with the City of Chicago Department of Environment as potentially having environmental contamination on the site and adjacent right-of-way. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, or in the adjacent right-of-way, if proper safeguards are not employed.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at the Department of Environment at 30 N. LaSalle St., 25th Floor, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday). Contact Rhamat Begum at (312) 744-3152 for an appointment. This file must be reviewed and the remainder of this form completed before the permit can be issued. Please note that for some locations, additional health and safety procedures may be required by law.

Please complete the following:

I have reviewed and understand the documents, maintained by the Department of Environment, regarding environmental contamination of the site and adjacent right-of-way. Further, I will ensure that all work at the subject site and adjacent right-of-way, and any monitoring required including but not limited to radiation monitoring, will be performed in a manner that is protective of human health and the environment and in compliance with all applicable local, state, and federal laws, rules, and regulations, especially those pertaining to worker safety and waste management. I will ensure that the results of any radiation monitoring and/or surveying conducted shall be provided to the Department of Environment within two (2) weeks of their completion. If any elevated levels of radioactive material are detected, I will immediately contact the United States Environmental Protection Agency at (800) 424-8802.

Signature Michele Pisterzi
Name (print) Michele Pisterzi
Company AT&T
Address 2427 Union Blue Island, IL 60406
Phone No. 708 824 2817

Prime Contractor/Contact Qualco
Address P.O. Box 1840 Evanston, IL 60204
Phone 773 542 1530

Safety Officer/Phone Same as above
Radiation Contractor/
Phone (if applicable) STS Radiation - Steve Kornder

Signed by Department of Environment Rahmatunisa Begum
Date 4/23/09

Please return this completed form to the City of Chicago Department of Transportation at 30 N. LaSalle St., Room 1101, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday).



Revised Mar. 13, 2002



JOB TITLE Radiological Surveying

AECOM

JOB NO. 00550-35

CALCULATION NO. -

ORIGINATOR Jadyn Webb

DATE 5-1-2009

SHEET 1

OF 1

REVIEWER Steve Kurnder

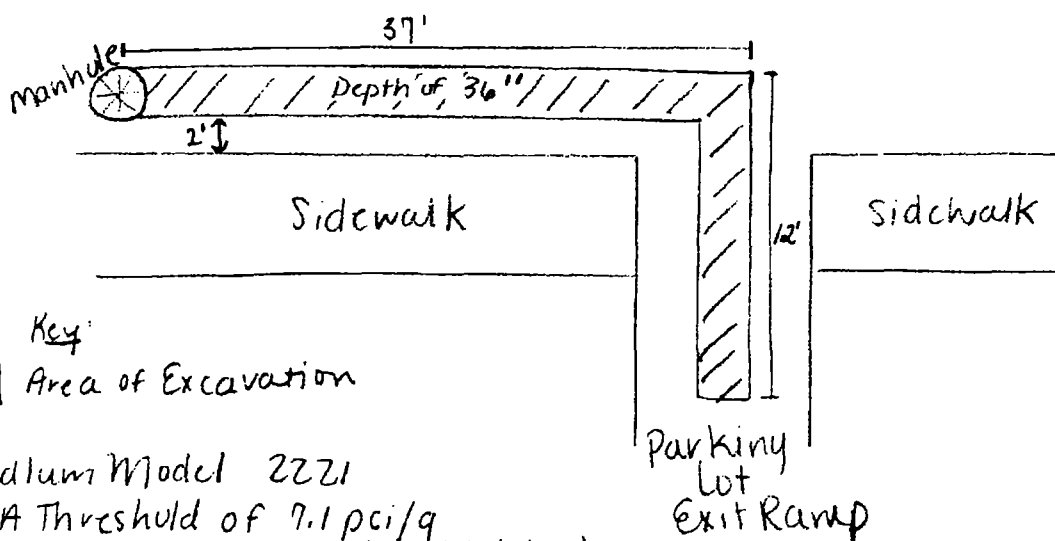
DATE 5-1-2009

Permit No. 960699012
335-339 E. Ohio Street



Max Reading = 13,200 cpm.
Min Reading = 7,800 cpm.

E. Ohio Street



Key:
Area of Excavation

Ludlum Model 2221
EPA Threshold of 7.1 pci/g
= 17,805 cpm (unshielded)
= 6,860 cpm (shielded)

N. McClurg Court

Drawing is not to scale.